





SIDE VIEW FRONT VIEW TYPICAL SIGN ILLUMINATION EQUIPMENT INSTALLATION FOR OVERHEAD SIGNS BRIDGE MOUNTED

Sign panel

Walkway

NEMA 3R enclosure

NEMA 3R enclosure for

transformer (as required)

Sian panel

— Walkway

"L" conduit fitting -

Conduit union

NEMA 3R enclosure Secure to end of sign

frame with 10 mm, No. 16

Lighting

machine screw. NEMA 3R enclosure for transformer (as required)

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Contactor and test switch enclosure shall be readily accessible from the sign walkway. TYPICAL SIGN ILLUMINATION EQUIPMENT INSTALLATION FOR OVERHEAD SIGNS **TUBULAR**

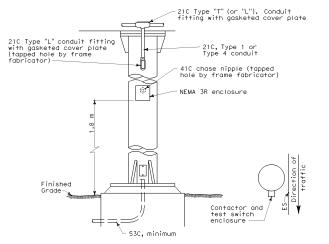
- 21C, Type 4 conduit

Lighting

fixture

"T" or "L" Drill holes for conduit conduit fitting Clearance hole for conduit installation (by frame fabricator) Location of conduit and enclosure shall contactor and be as directed by test switch the Engineer enclosure TWO POST SIGN NEMA 3R enclosure 53C (Min) secure to post Finished Grade SINGLE POST SIGN SECTION A-A

> TYPICAL SIGN ILLUMINATION EQUIPMENT INSTALLATION FOR OVERHEAD SIGNS BOX BEAM POST



TYPICAL SIGN ILLUMINATION EQUIPMENT INSTALLATION FOR OVERHEAD SIGNS ROUND POST

NOTES

Tubular sign mast arm

21C capped elbow

Strap 21C to walkway

between straps.

and mounting brackets. Max 300 mm space

- 1. Type 4 conduit shall be secured to the nearest walkway bracket using one-hole galvanized malleable iron or steel straps and brass machine screws tapped into the bracket.
- 2. See Overhead Signs Standard Plans for overhead signs and frame jucture details for photoelectric unit installation.
- 3. Enclosures and straps shall be secured by 6 mm maximum size screws.

STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

ELECTRICAL SYSTEMS (SIGN ILLUMINATION EQUIPMENT)

NO SCALE

ALL DIMENSIONS ARE IN

MILLIMETERS UNLESS OTHERWISE SHOWN ES-15C

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